

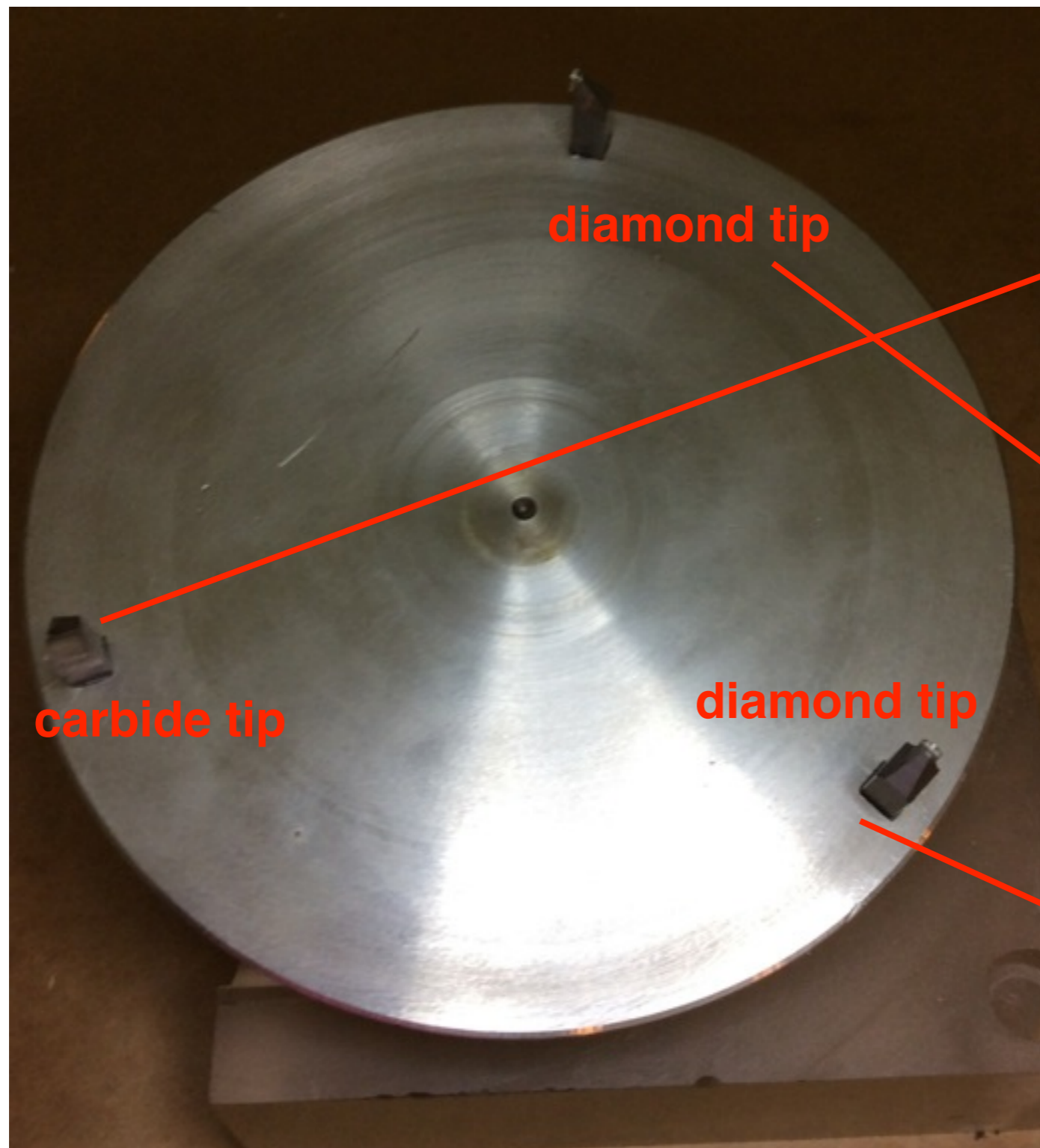
sPHENIX EMCAL Meeting

Vera Loggins
University of Illinois Urbana-Champaign
June 22, 2015

Update

- Goal: comparison of cutting the EMCAL module with saw vs. diamond blade cutter

Diamond blade cutter: The cutter rotates and each of the tip has a different cut, allowing for a high precision cut.
top view



carbide tip



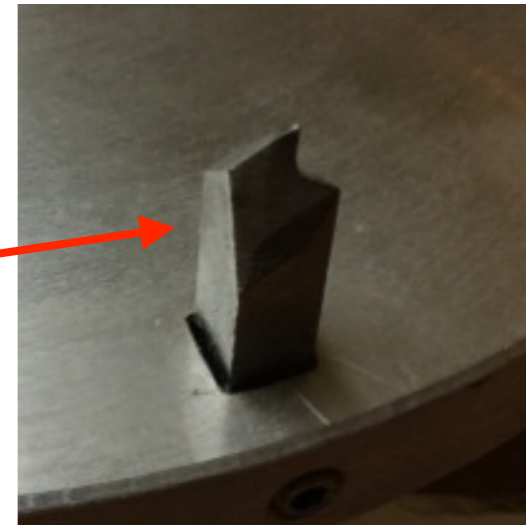
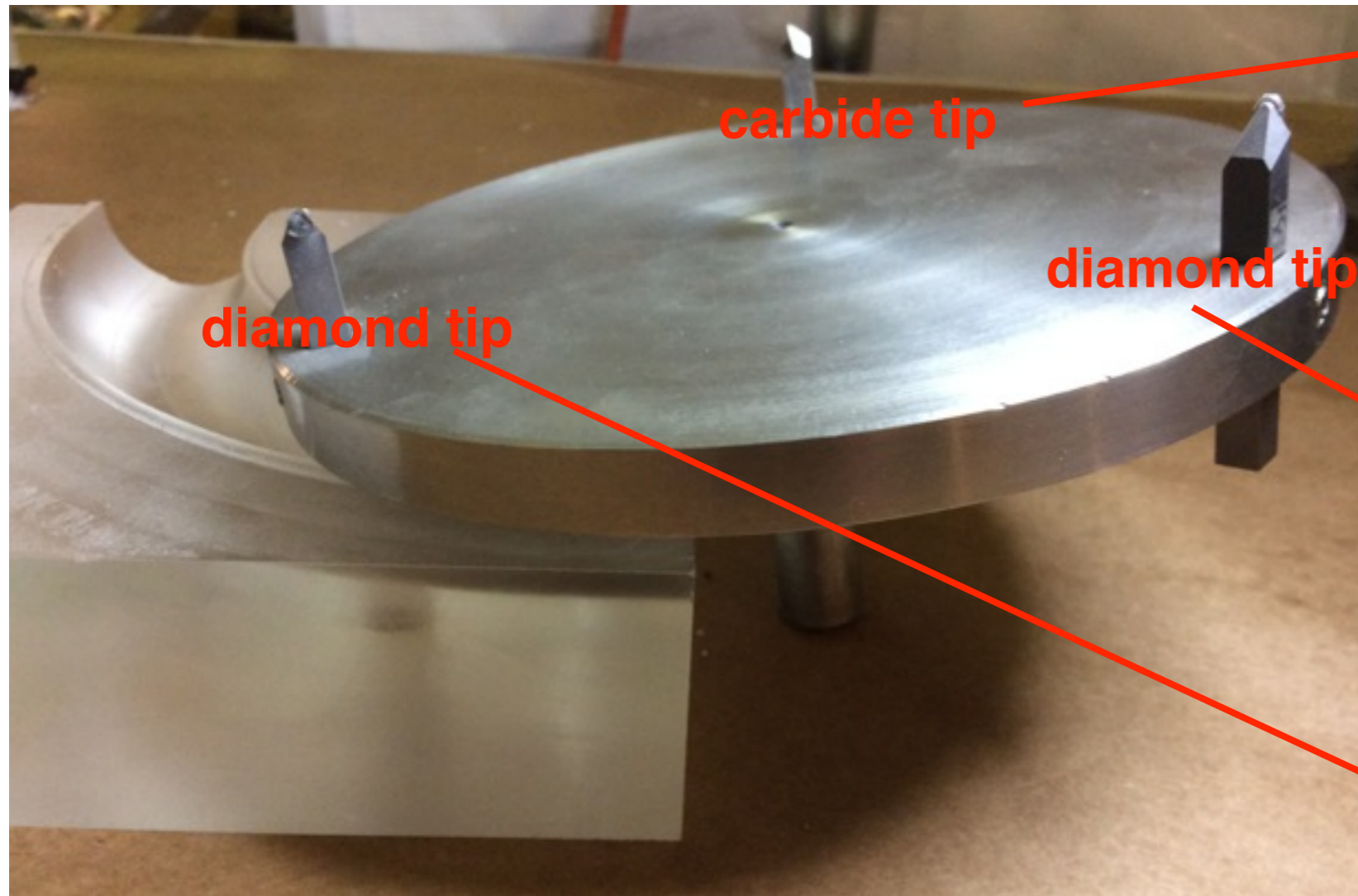
diamond tip



diamond tip

Diamond cutter

side view



carbide tip



diamond tip



diamond tip

Cutting the EMCAL module

saw cut



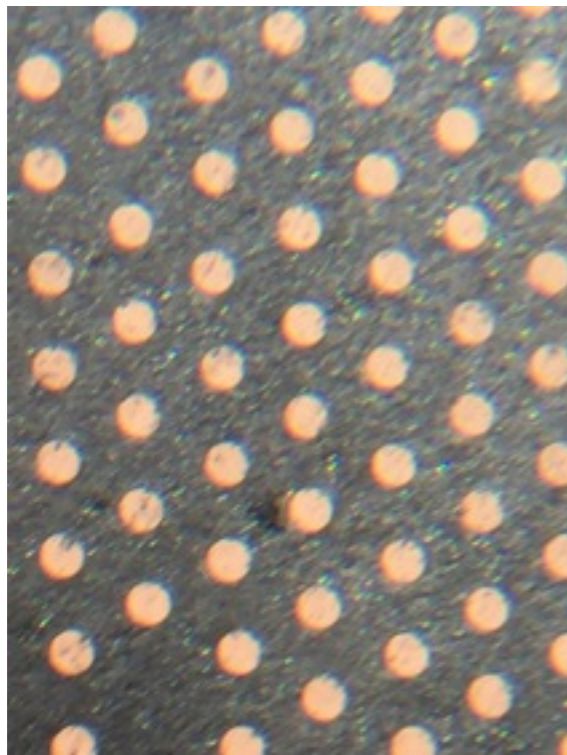
diamond cut



zoomed: saw cut



zoomed: diamond cut



surface is smooth

